

REMARKS

The present Preliminary Amendment is submitted to delete the multiple dependencies of claims 13, 18, 24 and 27, and to delete the reference numerals in the original claims, thereby placing such claims in condition for examination and reducing the required PTO filing fee.

Also, the abstract has been amended in order to remove the reference numerals therein. The changes to the abstract are submitted in the form of a substitute abstract. A copy of the abstract with changes marked therein is attached.

Respectfully submitted,

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ABSTRACT

5 In a component insertion apparatus, there are provided a
component insertion apparatus and a component insertion method capable of
realizing productivity improvement by simplifying apparatus construction,
downsizing the apparatus and further reducing the time required for component
insertion.

10  In a component insertion head—(61), by grasping of a device
portion (2) of a component (1) by a device chuck—(62), a lead wire (3) is
stretched on a fulcrum given by a grasping position of the lead wire (3) by a
transfer chuck (47) so that the device portion comes to be placed at a
component insertion position, by which correction of insertion posture of the
15 component is performed, and the lead wire of the component that has been
corrected in its insertion posture is inserted into an insertion hole (6a) of a board
(6).

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